

FAX COVER SHEET

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To: Ash Grove Cement
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Fax: 2 pages and a cover page.

ASH GROVE NOC # 5730

This Order of Approval # 5730 supersedes Order of Approval # 3382 and adds the installation of One 120 ton/hour Canica Clinker Pre-grind Crusher with a Baghouse at 20,000 cfm, and Finish Mill High Efficiency Separator Project including Sturtevant SD90 60 tons/day High Efficiency Separators with 2 Baghouses at 77,000 cfm each, 2 Baghouses at 10,000 cfm each, and 1 Baghouse at 5,000 cfm.

Notice of Construction Special Conditions:

4. PM-10 emissions from each baghouse except the Main Stack baghouse shall not exceed 0.005 grains/dscf over a twenty-four hour period as measured by EPA Method 201. Ash Grove may demonstrate compliance with this condition by any of the following:
 - A. Performing a PSAPCA approved source test,
 - B. Demonstrating no visible emissions for 15 consecutive seconds according to EPA Method 22,
 - C. Demonstrating no visible emissions for three consecutive minutes according to EPA Method 22, or
 - D. Repairing within 24 hours, any baghouse that has visible emissions for more than three consecutive minutes EPA Method 22.

PSAPCA may require a source test for any baghouse that has sustained visible emissions, unless such emissions are considered unavoidable under WAC 173-400-107.

5. Except for emissions considered unavoidable under WAC 173-400-107, emissions from the main baghouse shall not exceed the most stringent of PSD limits or the following limits:
 - a. for carbon monoxide (CO): 1049 ppm @10% oxygen (O₂), 8-hr ave., and 2353 tpy (tons per year);
 - b. for Nitrogen Oxides (NO_x): 700 ppm @10% O₂ 1-hr ave., 501 ppm @10% O₂ 24-hr, and 1846 tpy;
 - c. for Sulfur Dioxide (SO₂): 180 ppm @10%O₂ 1-hr ave., and 176 tpy;

- d. for Particulate Matter (PM): 10.6 pph and 46 tpy.
6. By May 1, 1995, Ash Grove shall develop written procedures to be followed during startup, shutdown, scheduled maintenance or upsets of the facility. The procedures must demonstrate that Ash Grove cannot prevent the excess emissions through a better operation and maintenance program, careful planning, or proper equipment design and that any bypass of control equipment is necessary to prevent loss of life, personal injury, or severe property damage. Ash Grove shall submit these procedures to PSAPCA for approval. Once approved by PSAPCA, PSAPCA will use those procedures to determine if excess emissions are unavoidable under WAC 173-400-107 and not subject to penalty.
 7. Ash Grove shall submit a testing plan to PSAPCA for approval within 60 days of startup for testing of the High Efficiency Separator Baghouse.
 8. This Order of Approval to limit plant-wide PM10 emissions supersedes and cancels Order of Approval No. 3382 dated June 19, 1990.

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